AUTHOR INDEX

Abe, M., see Nishimune, T. (923) 74
Abraham, K.I., Ieni, J.R. and Meyerson, L.R.
Purification and properties of a human plasma endogenous modulator for the platelet tricyclic binding/serotonin transport complex (923) 8
Albro, P.W., Corbett, J.T., Schroeder, J. and Reddy, J.K.
β-Oxidation of 2-ethyl-5-carboxypentyl phthalate in rodent liver (923) 196
Arato, G., see Harsfalvi, J. (923) 42
Arocas, A., see Martínez, J.H. (923) 413

Baindur, S.R. and Douglas, K.T.
Organothallium(III) reagents for modification of biomacromolecules: interaction of thallium derivatives with transfer RNA (923) 66
Baindur, S.R., see Bunni, M.A. (923) 421
Bárány, M. and Venkatasubramanian, P.N.
Estimation of tissue phospholipids by natural abundance ^{13}C-NMR (923) 339
Bassols, A.M., see Cussó, R. (923) 52
Bäumler, H., Halbhuber, K.-J., Stibenz, D. and Lerche, D.
Topo-optical investigations of human erythrocyte glycocalyx conformational changes induced by dextran (923) 22
Bausback, H.H., see Churchill, L. (923) 35
Bignon. J., see Pilatte, Y. (923) 150
Billing, B., see Yokosuka, O. (923) 268
Blache, D., Ciavatti, M. and Ojeda, C.
The effect of calcium channel blockers on blood platelet function, especially calcium uptake (923) 401
Blakey, D.C., see Foxwell, B.M.J. (923) 59
Boehler-Kohler, B., see Vaccaro, M. (923) 29
Bolkenius, F.N. and Seiler, N.
The role of polyamine reutilization in depletion of cellular stores of polyamines in non-proliferating tissues (923) 125
Brody, T. and Suttie, J.W.
Evidence for the glycoprotein nature of vitamin K-dependent carboxylase from rat liver (923) 1
Brown, A.N.F., see Foxwell, B.M.J. (923) 59
Buettner, G.R. and Hall, R.D.
Superoxide, hydrogen peroxide and singlet oxygen in hematoporphyrin derivative-cysteine, -NADH and -light systems (923) 501
Bunni, M.A., Baindur, S.R., Douglas, K.T. and Drake, A.F.
Organothallium(III) reagents for modification of biomacromolecules: irreversible labelling of phosphoglycerate kinase from rabbit muscle (923) 421
Burk, R.F., see Hill, K.E. (923) 431
Burri, B.J., Edgington, T.S. and Fair, D.S.
Molecular interactions of the intrinsic activation complex of coagulation: binding of native and activated human factors IX and X to defined phospholipid vesicles (923) 176

Cabanes, J., García-Cánovas, F., Lozano, J.A. and García-Carmona, F.
A kinetic study of the melanization pathway between L-tyrosine and dopachrome (923) 187
Carpenter, J.F., Crowe, L.M. and Crowe, J.H.
Stabilization of phosphofructokinase with sugars during freeze-drying: characterization of enhanced protection in the presence of divalent cations (923) 109
Carreras, J., see Cussó, R. (923) 52
Carter-Burks, G., see Lasslo, A. (923) 443
Castiglione, E., see Chatterjee, S. (923) 136
Chanarin, I., see Perry, J. (923) 286
Chatterjee, S. and Castiglione, E.
UDPgalactose:glucosylceramide $\beta 1 \rightarrow 4$-galactosyltransferase activity in human proximal tubular cells from normal and familial hypercholesterolemic homozygotes (923) 136
Chen, G.L., see Sutrina, S.L. (923) 451
Chen, W.W., see Sutrina, S.L. (923) 451
Churchill, L., Bausback, H.H., Gerritsen, M.E. and Ward, P.E.
Metabolism of opioid peptides by cerebral microvascular aminopeptidase M (923) 35
Ciavatti, M., see Blache, D. (923) 401
Cilento, G., see Indig, G.L. (923) 347
Cook, J.A., see Smith, E.F., III. (923) 355
Corbett, J.T., see Albro, P.W. (923) 196
Coutsogeorgopoulos, C., see Synetos, D. (923) 275
Crowe, J.H., see Carpenter, J.F. (923) 109
Crowe, L.M., see Carpenter, J.F. (923) 109
Cunningham, D.D., see Van Nostrand, W.E. (923) 167
Cushley, W., see Hashim, O.H. (923) 362
Cussó, R., Bassols, A.M. and Carreras, J.
Partial purification and characterization of an aldohexose 1-*P* phosphatase from pig skeletal muscle (923) 52

Daigle, K.W., see Ehrlich, K.C. (923) 206
Danilov, S.M., see Sakharov, I.Y. (923) 143
Dawson, D.B. and Varandani, P.T.
Characterization and application of monoclonal antibodies directed to separate epitopes of glutathione-insulin transhydrogenase (923) 389
Deacon, R., see Perry, J. (923) 286
Dehring, A.F., see Engle, M.J. (923) 323
Dillingham, E.O., see Lasslo, A. (923) 443
Domogatsky, S.P., see Misselwitz, F. (923) 436
Donovan, T.A., see Foxwell, B.M.J. (923) 59

Douglas, K.T., see Baindur, S.R. (923) 66
Douglas, K.T., see Bunni, M.A. (923) 421
Drake, A.F., see Bunni, M.A. (923) 421
Dukhanina, E.A., see Sakharov, I.Y. (923) 143

Edgington, T.S., see Burri, B.J. (923) 176
Ehrlich, K.C. and Daigle, K.W.
Protein synthesis inhibition by 8-oxo-12,13-epoxytrichothecenes (923) 206
Ekblad, E.B.M. and Ličko, V.
Comparing binding of histamine and H2-antagonist with their effects on gastric acid secretion (923) 315
Endo, M., see Matsue, H. (923) 470
Engle, M.J. and Dehring, A.F.
Palmitate and glucose oxidation by fetal type II pneumocytes (923) 323
Entian, K.-D., Meurer, B., Köhler, H., Mann, K.-H. and Mecke, D.
Studies on the regulation of enolases and compartmentation of cytosolic enzymes in *Saccharomyces cerevisiae* (923) 214
Etchevierrigaray, M., see Manghi, M.A. (923) 381

Fair, D.S., see Burri, B.J. (923) 176
Fernandez, J.A., see Iglesias, R. (923) 233
Fesus, L., see Harsfalvi, J. (923) 42
Foxwell, B.M.J., Blakey, D.C., Brown, A.N.F., Donovan, T.A. and Thorpe, P.E.
The preparation of deglycosylated ricin by recombination of glycosidase-treated A- and B-chains: effects of deglycosylation on toxicity and in vivo distribution (923) 59
Fukuhara, K., see Oda, K. (923) 463

García-Borrón, J.C., see Martínez, J.H. (923) 413
García-Cánovas, F., see Cabanes, J. (923) 187
García-Carmona, F., see Cabanes, J. (923) 187
Gascoyne, P.R.C., Pethig, R. and Szent-Györgyi, A.
Electron spin resonance studies of the interaction of oxidoreductases with 2,6-dimethoxy-*p*-quinone and semiquinone (923) 257
Gerritsen, M.E., see Churchill, L. (923) 35
Ghosh, P., see Melrose, J. (923) 483
Gollamudi, R., see Lasslo, A. (923) 443
Gutiérrez, M.I., see Manghi, M.A. (923) 381

Halbhuber, K.-J., see Bäumler, H. (923) 22
Hall, R.D., see Buettner, G.R. (923) 501
Halushka, P.V., see Smith, E.F., III. (923) 355
Harsfalvi, J., Arato, G. and Fesus, L.
Lipids associated with tissue transglutaminase (923) 42
Hashim, O.H. and Cushley, W.
Minor modifications to the structure of tunicamycin lead to loss of the biological activity of the antibiotic (923) 362
Hayashi, R., see Nishimune, T. (923) 74
Hayashi, Y., see Usui, T. (923) 302
Hildebrand, E., see Schimz, A. (923) 222
Hill, K.E., Taylor, M.A. and Burk, R.F.
Influence of selenium deficiency on glutathione disulfide metabolism in isolated perfused rat heart (923) 431
Hiller, R.G. and Martin, C.D.
Multiple forms of a type I phycoerythrin from a *Chroomonas* sp. (Cryptophyceae) varying in subunit composition (923) 98
Hiller, R.G., see Martin, C.D. (923) 88
Hiramatsu, M., see Kashimata, M. (923) 496
Hoenes, J., see Thumm, M. (923) 263
Horton, D.S.P.Q., see Michelacci, Y.M. (923) 291

Iborra, J.L., see Martinez, J.H. (923) 413
Ieni, J.R., see Abraham, K.I. (923) 8
Iglesias, R., Fernandez, J.A., Mampel, T., Obregón, M.J. and Villarroya, F.
Iodothyronine 5′-deiodinase activity in rat brown adipose tissue during development (923) 233
Indig, G.L. and Cilento, G.
Peroxidase-promoted aerobic oxidation of 2-nitropropane: mechanism of excited state formation (923) 347
Ishido, Y., see Usui, T. (923) 302
Ito, S.-i., see Nishimune, T. (923) 74

Jacobsen, J., see Poulsen, K. (923) 310

Kanai, M., see Okuno, M. (923) 116
Kashimata, M., Hiramatsu, M. and Minami, N.
Effect of streptozotocin-induced diabetes on epidermal growth factor receptors in rat liver plasma membrane (923) 496
Kato, M., see Okuno, M. (923) 116
Kaufman, S., see Milstien, S. (923) 333
Kempfle, M.A., Müller, R.F., Palluk, R. and Winkler, H.A.
The binding of fluorescent 4,6,8(14)-triene-3-one steroids to cyclodextrins as a model for steroid–protein interactions (923) 83
Kimoto, M., see Nishimune, T. (923) 74
Köhler, H., see Entian, K.-D. (923) 214

Lambré, C.R., see Pilatte, Y. (923) 150
Lasslo, A., Dillingham, E.O., Gollamudi, R. and Carter-Burks, G.
Effects of novel aggregation inhibitors on serotonin uptake by human blood platelets (923) 443
Lerche, D., see Bäumler, H. (923) 22
Lewis, R.A., see Watkins, L.F. (923) 103
Leytin, V.L., see Misselwitz, F. (923) 436
Ličko, V., see Ekblad, E.B.M. (923) 315
Lozano, J.A., see Cabanes, J. (923) 187
Lozano, J.A., see Martínez, J.H. (923) 413
Lue, N.F., see Sutrina, S.L. (923) 451
Lumb, M., see Perry, J. (923) 286

Mampel, T., see Iglesias, R. (923) 233
Manghi, M.A., Venturiello, S.M., Gutiérrez, M.I., Etchevierrigaray, M. and Margni, R.A.
Isolation and partial characterization of biologically active Fc receptor of chicken red cells (923) 381
Mann, K.-H., see Entian, K.-D. (923) 214
Margni, R.A., see Manghi, M.A. (923) 381
Marie, J.C., see Robichon, A. (923) 250

Martin, C.D. and Hiller, R.G.
Subunits and chromophores of a type I phycoerythrin from a *Chroomonas* sp. (Cryptophyceae) (923) 88
Martin, C.D., see Hiller, R.G. (923) 98
Martínez, J.H., Solano, F., Arocas, A., García-Borrón, J.C., Iborra, J.L. and Lozano, J.A.
The existence of apotyrosinase in the cytosol of Harding-Passey mouse melanoma melanocytes and characteristics of enzyme reconstitution by Cu(II) (923) 413
Matsue, H. and Endo, M.
Heterogeneity of reducing terminals of urinary chondroitin sulfates (923) 470
Mecke, D., see Entian, K.-D. (923) 214
Melrose, J., Ghosh, P. and Taylor, T.K.F.
Neutral proteinases of the human intervertebral disc (923) 483
Meurer, B., see Entian, K.-D. (923) 214
Meyerson, L.R., see Abraham, K.I. (923) 8
Michelacci, Y.M., Horton, D.S.P.Q. and Población, C.A.
Isolation and characterization of an induced chondroitinase ABC from *Flavobacterium heparinum* (923) 291
Milstien, S. and Kaufman, S.
The oxidation of apomorphine and other catechol compounds by horseradish peroxidase: relevance to the measurement of dihydropteridine reductase activity (923) 333
Minami, N., see Kashimata, M. (923) 496
Misselwitz, F., Domogatsky, S.P., Leytin, V.L. and Repin, V.S.
Binding of human monomeric type I collagen to platelets (923) 436
Morin, P.-R. and Potier, M.
Intestinal and renal origin of trehalase activity in rabbit amniotic fluid (923) 371
Moriwaki, H., see Okuno, M. (923) 116
Müller, R.F., see Kempfle, M.A. (923) 83
Müller, W., see Vaccaro, M. (923) 29
Murao, S., see Oda, K. (923) 463
Muto, Y., see Okuno, M. (923) 116

Nanjo, F., see Usui, T. (923) 302
Nielsen, A.H., see Poulsen, K. (923) 310
Nishimune, T., Ito, S.-i., Abe, M., Kimoto, M. and Hayashi, R.
Nucleoside-triphosphatase and hydrolysis of thiamin triphosphate in *Escherichia coli* (923) 74

Obregón, M.J., see Iglesias, R. (923) 233
Oda, K., Sugitani, M., Fukuhara, K. and Murao, S.
Purification and properties of a pepstatin-insensitive carboxyl proteinase from a Gram-negative bacterium (923) 463
Ojeda, C., see Blache, D. (923) 401
Okuno, M., Kato, M., Moriwaki, H., Kanai, M. and Muto, Y.
Purification and partial characterization of cellular retinoic acid-binding protein from human placenta (923) 116

Palluk, R., see Kempfle, M.A. (923) 83
Perry, J., Deacon, R., Lumb, M. and Chanarin, I.
Impaired formylation and uptake of tetrahydrofolate by rat small gut following cobalamin inactivation (923) 286
Peters, T.J., see Raja, K.B. (923) 46
Pethig, R., see Gascoyne, P.R.C. (923) 257
Pfleiderer, G., see Thumm, M. (923) 263
Pilatte, Y., Bignon, J. and Lambré, C.R.
Lysosomal and cytosolic sialidases in rabbit alveolar macrophages: demonstration of increased lysosomal activity after in vivo activation with bacillus Calmette-Guerin (923) 150
Pincus, S.H., see Ramesh, K.S. (923) 241
Población, C.A., see Michelacci, Y.M. (923) 291
Potier, M., see Morin, P.-R. (923) 371
Poulsen, K., Nielsen, A.H. and Jacobsen, J.
Binding of renin and angiotensinogen to macromolecules in plasma studied by sedimentation equilibrium centrifugation (923) 310

Raja, K.B., Simpson, R.J. and Peters, T.J.
Effect of Ca^{2+} and Mg^{2+} on the uptake of Fe^{3+} by mouse intestinal mucosa (923) 46
Ramesh, K.S., Rocklin, R.E. and Pincus, S.H.
Activated human eosinophils synthesize new proteins (923) 241
Rao, B.S.N., see Vijayasarathy, C. (923) 156
Rasched, I., see Vaccaro, M. (923) 29
Reddy, J.K., see Albro, P.W. (923) 196
Repin, V.S., see Misselwitz, F. (923) 436
Robichon, A. and Marie, J.C.
Chemical modification of guanidinium groups of vasoactive intestinal peptide (923) 250
Rocklin, R.E., see Ramesh, K.S. (923) 241

Sakai, K., see Usui, T. (923) 302
Sakharov, I.Y., Danilov, S.M. and Dukhanina, E.A.
Affinity chromatography and some properties of the angiotensin-converting enzyme from human heart (923) 143
Schimz, A. and Hildebrand, E.
Effects of cGMP, calcium and reversible methylation on sensory signal processing in halobacteria (923) 222
Schram, A.W., see Wanders, R.J.A. (923) 478
Schroeder, J., see Albro, P.W. (923) 196
Schutgens, R.B.H., see Wanders, R.J.A. (923) 478
Seiler, N., see Bolkenius, F.N. (923) 125
Simpson, R.J., see Raja, K.B. (923) 46
Smith, E.F., III, Wise, W.C., Halushka, P.V. and Cook, J.A.
Macrophage eicosanoid formation is stimulated by platelet arachidonic acid and prostaglandin endoperoxide transfer (923) 355
Solano, F., see Martínez, J.H. (923) 413
Stibenz, D., see Bäumler, H. (923) 22
Strijland, A., see Wanders, R.J.A. (923) 478
Sugitani, M., see Oda, K. (923) 463
Sutrina, S.L., Lue, N.F., Chen, G.L. and Chen, W.W.
Effect of dimethyl sulfoxide on transformed rat Schwann cells (923) 451
Suttie, J.W., see Brody, T. (923) 1
Synetos, D. and Coutsogeorgopoulos, C.
Studies on the catalytic rate constant of ribosomal peptidyltransferase (923) 275
Szent-Györgyi, A., see Gascoyne, P.R.C. (923) 257

Tager, J.M., see Wanders, R.J.A. (923) 478
Taylor, M.A., see Hill, K.E. (923) 431
Taylor, T.K.F., see Melrose, J. (923) 483
Thorpe, P.E., see Foxwell, B.M.J. (923) 59
Thumm, M., Hoenes, J. and Pfleiderer, G.
S-Methylthioacetimidate is a new reagent for the amidination of proteins at low pH (923) 263
Trachtenberg, S.
Assemblies of psoriatic keratin and their relation to normal intermediate filament structures (923) 327

Usui, T., Hayashi, Y., Nanjo, F., Sakai, K. and Ishido, Y.
Transglycosylation reaction of a chitinase purified from *Nocardia orientalis* (923) 302

Vaccaro, M., Boehler-Kohler, B., Müller, W. and Rasched, I.
The inhibitory effect of dithiothreitol on the assembly of the filamentous phage fd (923) 29
Van den Bosch, H., see Wanders, R.J.A. (923) 478
Van Nostrand, W.E. and Cunningham, D.D.
Purification of a proteinase inhibitor from bovine serum with C1-inhibitor activity (923) 167
Van Roermund, C.W.T., see Wanders, R.J.A. (923) 478
Varandani, P.T., see Dawson, D.B. (923) 389
Venkatasubramanian, P.N., see Bárány, M. (923) 339
Venturiello, S.M., see Manghi, M.A. (923) 381
Vijayasarathy, C. and Rao, B.S.N.
Partial purification and characterisation of *S*-adenosylmethionine:protein-histidine *N*-methyltransferase from rabbit skeletal muscle (923) 156
Villarroya, F., see Iglesias, R. (923) 233

Wanders, R.J.A., Strijland, A., Van Roermund, C.W.T., Van den Bosch, H., Schutgens, R.B.H., Tager, J.M. and Schram, A.W.
Catalase in cultured skin fibroblasts from patients with the cerebro-hepato-renal (Zellweger) syndrome: normal maturation in peroxisome-deficient cells (923) 478
Ward, P.E., see Churchill, L. (923) 35
Watkins, L.F. and Lewis, R.A.
The metabolism of deoxyguanosine in mitochondria: a characterization of the phosphorylation process which occurs in intact mitochondria (923) 103
Winkler, H.A., see Kempfle, M.A. (923) 83
Wise, W.C., see Smith, E.F., III. (923) 355

Yokosuka, O. and Billing, B.
Enzymatic oxidation of bilirubin by intestinal mucosa (923) 268